

# Utah Transit Authority EMS Case Study

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# UTA Carries 35 Million Passengers Per Year on Bus, Rail, Van and Paratransit



- 1800 employees
- 1600 square miles of service area
- 650 buses and paratransit vans
- 69 light rail vehicles
- 400 vans
- 8000 bus stops
- \$200 million operating budget



# ISO 14001

- UTA Selected as one of ten transit agencies to participate in federally funded ISO 14001 program.
- As the ISO 14001 team learned about ISO management systems, it became clear that the ISO framework was a perfect fit for UTA.

# Major Drivers for EMS



- Environmental awareness
- Oily waste water
- Incentive from FTA
- Decentralized structure brought risks
- Enormous growth anticipated
- Public support



# UTA Became First ISO 9001 and ISO 14001 Certified Transit Agency in December 2005



# Aspects

1. Printing (Employee Exposure & Disposal)
2. Industrial Waste Water Treatment
3. Used Oil Management
4. Recycling Used Oil Filters
5. Fuel Consumption & Excessive Idling
6. Paint Related Waste: Aerosol Cans & Other Paint Products
7. Energy Conservation
8. Recycling





- **Air Quality**

- **CO<sub>2</sub>: 3.037 million lb/yr**
- **NO<sub>x</sub>: 91,125 lb/yr**
- **PM: 2484 lb/yr**

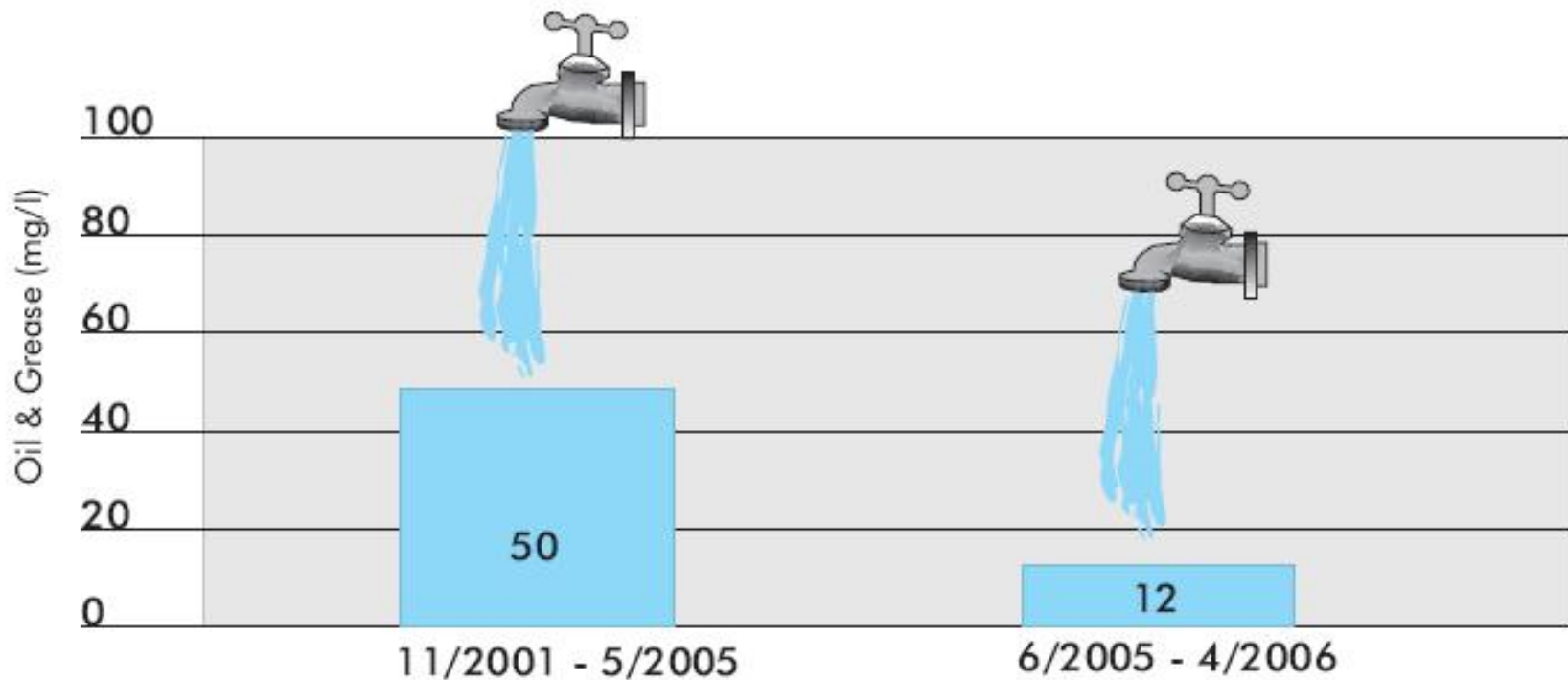
- **Fuel: \$675,000.00**
- **Labor: \$63,000.00**

**2005-2006**  
**Vehicle Idling and Emissions Savings**



# Waste Water

## Wastewater Final Discharge Improvement



# Energy IPR

